AUTO-SET

GAMECARD

USER'S GUIDE

IBM® Compatible

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Patent Pending.

KRAFT SYSTEMS, INC.
450 W. California Ave.
Vista, CA 92083

TEL: (619) 724-7146
FAX: (619) 941-1770

TOLL FREE TECHNICAL SUPPORT 1-800-27-KRAFT

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INTRODUCTION

Congratulations on having selected the Kraft Auto-Set Gamecard, one of the finest joystick adapter cards available today. Our game card represents that latest in joystick input technology. Its ability to accommodate a wide range of computer clock speeds from 4.77 Mhz through 100 Mhz makes it an excellent buy. We thank you for your purchase and welcome you to our growing family of Kraft game card users.

COMPATIBILITY

The Kraft Auto-Set Gamecard is designed for use with IBM® PC/XT/AT/286/386/486 and compatible computers.

This product is NOT compatible with Micro Channel systems such as PS/2 models 50, 60, 70, and 80. Owners of these systems should ask their computer retailers about the Kraft G/S + Adapter Card – a game port plus a serial port for Micro Channel users.

If your system uses a multi-function card or a sound card with joystick support, that support should be disabled according to manufacturer's directions before installing this gamecard. This adapter card may not function with Tandy 1000® series computers that use a built-in joystick support which may conflict when a game card is installed in the bus slot.

FEATURES

The Kraft Auto-Set Gamecard is simple to install and use. Just turn your computer on, the software automatically tests your computer and selects the correct speed. It is the only gamecard that can tell you what speed it is currently set to. A quick keyboard command lets you make custom speed adjustments for those difficult games – without the need for a separate Y-adapter cable.

Kraft's CSOFT Software diskette is included. It provides three major programs: KCARD, CSOFT, and KEYCON. KCARD automatically sets up the gamecard each time the computer is turned on. CSOFT is a test program that displays convenient PULLDOWN menus for joystick testing, speed setting, and testing gamecard performance. KEYCON is a HOTKEY program that allows you to quickly modify the gamecard's speed for specific software requirements. The CSOFT Software is supplied on both 5-1/4" and 3-1/2" diskettes.

MANUAL UPDATES:

The Read Utility

Updates and additional information not included in this manual can be found on your Kraft software diskette in a file entitled README.DOC. To view this important information, Kraft has included a general purpose utility program, READ. Although it is primarily used for .DOC files, it can display any file that will fit into your computer's available memory. To view a desired file, enter the DOS command:

READ (filename.ext) [return]

for example **READ README.DOC** [return]

GAMECARD INSTALLATION

Installation of this gamecard requires the removal of your computer cover and selection of an unused expansion slot. Since computers vary in design, refer to your owner's manual for proper guidance. The following instructions are provided as a general reference.

1. Turn off your computer.
2. Remove the computer cover.
3. Select an unused expansion slot and remove the blank bracket.
4. Hold the Kraft Auto-Set Gamecard by the top edge and press it firmly into place. (See Fig. 1). After it is correctly positioned, screw down the card's bracket.
5. Replace the computer cover and screws.
6. Plug your IBM compatible joysticks into the gamecard ports.

   If you are only using one joystick, use Port A. (Fee Fig.2).
7. Turn on your computer.
8. In order for your gamecard to function properly, you will also have to install the enclosed software on your computer system. Proceed to the following section for information about software installation.

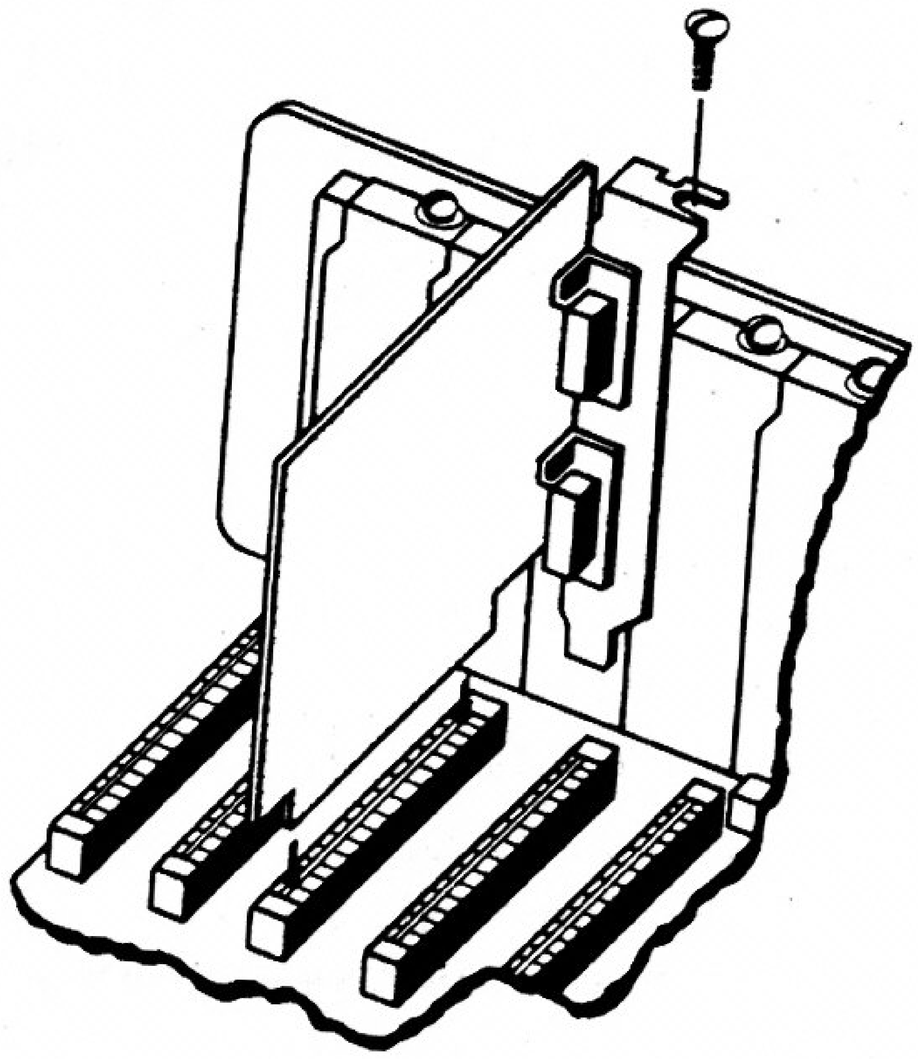

FIG. 1

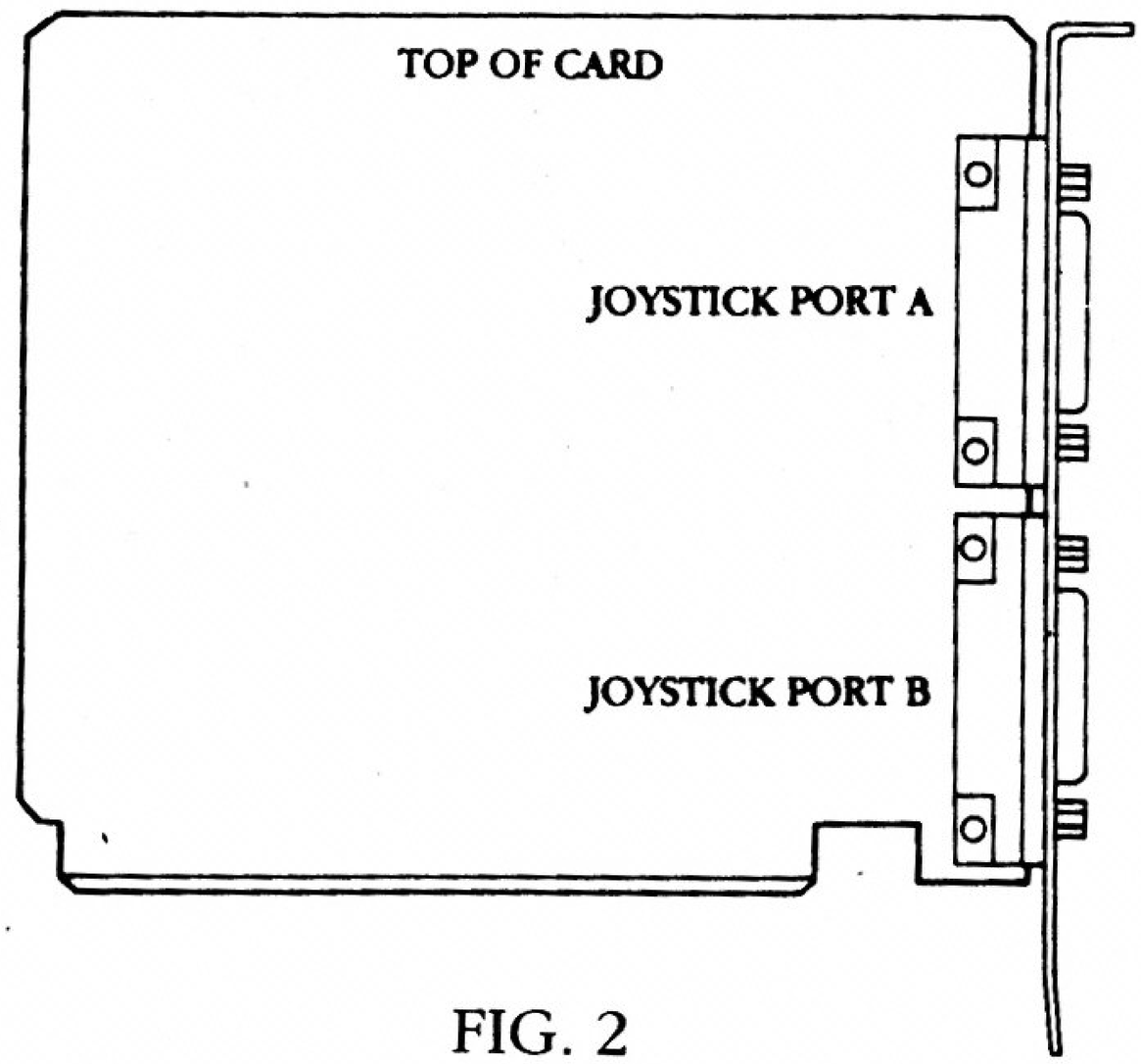

FIG. 2

SOFTWARE INSTALLATION

If you have not already done so, follow the instructions under GAMECARD INSTALLATION in this manual.

HARD DISK DRIVE INSTALLATION

The install program will create a subdirectory CSOFT on your hard drive C: and copy the Kraft files to it.

1. Insert the enclosed Kraft Software diskette in drive A and enter the following command at the A> prompt:

   INSTALL [return]

2. The install program will modify your AUTOEXEC.BAT file so that the Kraft Auto-Set Gamecard will automatically test your computer and set the correct speed each time your computer is turned on. After the INSTALL program has completed loading the software on your hard drive you will need to reboot the computer to activate the gamecard. Press the [Ctrl] [Alt] and [Del] keys simultaneously. Your Kraft Auto-Set GameCard is now ready to use.

FLOPPY DISK DRIVE USERS

Refer to the ONDISK.MAN file for detailed installation instructions located on the CSOFT diskette.

Place the CSOFT disk in Drive A: and enter

READ ONDISK.MAN [return]

CSOFT UTILITIES

We encourage you to try some of the additional software features included on your CSOFT diskette. To do so simply enter the command:

CSOFT [return]

This will work from any directory if you used the Kraft install program; otherwise you will have to go to the CSOFT directory and then enter the CSOFT command.

A convenient horizontal menu will appear on your screen which lists the following options:

HELP	JOYSTICK	GAMECARD	EXIT
Provides help on CSOFT use and features	Program for testing and centering Joysticks on Port A or Port B	Allows Auto-Set gamecard speed adjustment. Gamecard and computer I/O Testing	Exit program or Continue with CSOFT.

Each menu option has a Pulldown Menu associated with it. To change menu options press the [LEFT] or [RIGHT] arrow keys. Pressing [Esc] takes you to the Exit Pulldown Menu.

To select an item within the Pulldown Menus use the [UP] or [DOWN] arrow keys to highlight the desired item, then press the [ENTER] key.

For those needing detailed information and instructions refer to the ONDISK.MAN file.

KEYCON

KEYCON is a HOTKEY program which will allow you to modify the gamecard's speed setting at any time by simply pressing the following keys simultaneously.

[ALT] [SHIFT] [+] to increase speed

[ALT] [SHIFT] [–] to decrease speed

See ONDISK.MAN for a detailed explanation on the use of KEYCON.

SPEED RANGE CHART

The Kraft Auto-Set gamecard will automatically set your gamecard to the optimal speed range when your turn your computer on. The Kraft Auto-Set Gamecard will also report back to you the speed range that it is set to. The resulting speed range letter will correlate most of the time to your system's CPU clock speed as shown in the following table. However, several other factors such as CPU type and bus speed can affect the optimal speed setting. Do not be concerned if the Auto-Set speed does

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Speed Range Letter	Typical CPU clock Frequency Range (Mhz)
A	4 TO 8
B	4 TO 10
C	6 TO 12
D	6 TO 16
E	6 TO 20
F	8 TO 20
G	8 TO 25
H	10 TO 25
I	10 TO 30
J	10 TO 33
K	12 TO 33
L	12 TO 40
M	16 TO 50
N	18 TO 66
O	20 TO 80
P	25 TO 100

ADVANCED USERS

Further information on advanced software features and custom installation options can be found in a file called ONDISK.MAN, located in your CSOFT directory on on the Kraft CSOFT diskette. To view this information, simply enter the following command at the C> or A> prompt:

READ ONDISK. MAN [return]

TROUBLESHOOTING

In addition to your gamecard, there are many factors that affect joystick and software performance. The following information is provided to help you handle the most frequently encountered problems.

1. If your joystick fails to respond, check your gamecard and joystick installation. If everything is correct, please review your software instructions carefully. Many problems require you to enter a keyboard command to activate a joystick.
2. If your joystick does not work correctly, try another software program or test it with CSOFT. If the problem goes away, you may need to adjust the speed setting of the gamecard in order to use the desired software.
3. Additional troubleshooting hints are available in the file ONDISK.MAN.

PRODUCT SUPPORT

If you have a problem or question about your gamecard which is not answered in this guide, call us on our Toll Free Number 1-800-27-KRAFT or (619) 724-7146 and ask for Product Support. When you call, please the following items on hand:

1. The User's Guide.
2. The make and model of your computer.
3. A short description of your problem or question.

Troubleshooting is quicker and easier if you can be at your computer when you call for assistance. If your gamecard is defective, please follow the directions on the Product Repair Card at the end of this User's Guide.

WARRANTY

This Kraft product is warranted to the original purchaser to be free from defects in materials and workmanship for a period of FIVE years from the date of purchase.

All warranty work will be done, without charge, during the FIVE year period. Damage due to abuse, improper use, shipping and handling, accidents or as a result of service or modification by other than Kraft are excluded from this warranty. A service charge may be incurred for work done on these mistreated products.

Kraft's liability under this warranty is limited to the repair and/or REPLACEMENT of the defect or defective part at our factory and DOES NOT include shipping expenses.

You may request information on how to obtain service by contacting Kraft directly. Your sales receipt is your warranty validation. Dated proof-of-purchase (e.g. bill of sale, canceled check, etc.) must be provided when requesting work to be performed. ALL RETURNS TO KRAFT FOR EITHER WARRANTY OR NON-WARRANTY REPAIRS MUST BE APPROVED BY KRAFT PRIOR TO SHIPMENT.

"NO OTHER WARRANTIES ARE EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. KRAFT SYSTEMS, INC. IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES." Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights and you may have other rights which vary from state to state.

KRAFT PRODUCT REGISTRATION CARD

Thank you for completing this card.

Name _____
Last First Middle Initial

Address _____
Company Name

_____
Division Mail Stop

_____
Stress Address

_____
City State Zip Code

Telephone _____
Area Code Number Extension

Product _____ Purchased _____
Month Day Year

Your comments/suggestions are appreciated.

_____

_____

_____

P/N 820144-0

KRAFT PRODUCT REPAIR/REPLACEMENT PLAN

Because of Kraft's commitment to quality, most of our customers never need to use our repair service. If a Kraft product does prove to be defective, it will be repaired or replaced at no charge during the warranty period. If you think you have a defective product:

1.) Collect all of the information you can about the problem. Make notes about any on-screen messages you get when the problem occurs.

2.) With your Kraft product manuals at hand, call our Product Support staff at (619) 724-7146. In most cases your question(s) can be answered right away.

3.) If your Kraft Product is diagnosed as defective, you will be given a Return Materials Authorization (RMA) number to be included on the reverse side of this card.

4.) Complete the information on the reverse side of this card. Include this card, a copy of proof-of-purchase, a description of the problem and the defective product in a protected box. Write the RMA number on the outside of your packaged and mail it (postage paid) to:

Kraft Systems Inc.
Attn: Product Repair
450 W. California Ave.
Vista, CA 92083-3534

Place
Stamp
Here

Kraft Systems, Inc.
Attn: Product Registration
450 W. California Ave.
Vista, CA 92083-3534

KRAFT PRODUCT REPAIR/REPLACEMENT CARD

To order repair or replacement for a defective Kraft product, please follow the instructions on the opposite side of this card.

Return Materials Authorization Number: _____

Name _____
Last First Middle Initial

Address _____
Company Name

_____
Division Mail Stop

_____
Stress Address

_____
City State Zip Code

Telephone _____
Area Code Number Extension

Product _____ Purchased _____
Month Day Year

In accordance with the limited warranty on this product, Kraft will, as its option, determine whether the defective product will be repaired or replaced. If the product warranty has expired, or if the product does not qualify for warranty service, you will be charged a service fee. No out-of-warranty service will be performed prior to receipt of payment. Allow three to four weeks for delivery. Mail to: Kraft Systems, Inc. Attn: Product Repair, 450 W. California Ave., Vista, CA 92083-3534.